

RGP-1	CAT		HA1	HA2	HA3	HA4	1476 amino acids
	Approx. kDa	48	45	15	17	27	
KGP	CAT		HA1	HA2	HA3	HA4	1495 amino acids
	Approx. kDa	52	40	15	17	27	
RGP/KGP Homology		24/491		380/417	135/135	156/158	275/275

Figure 1

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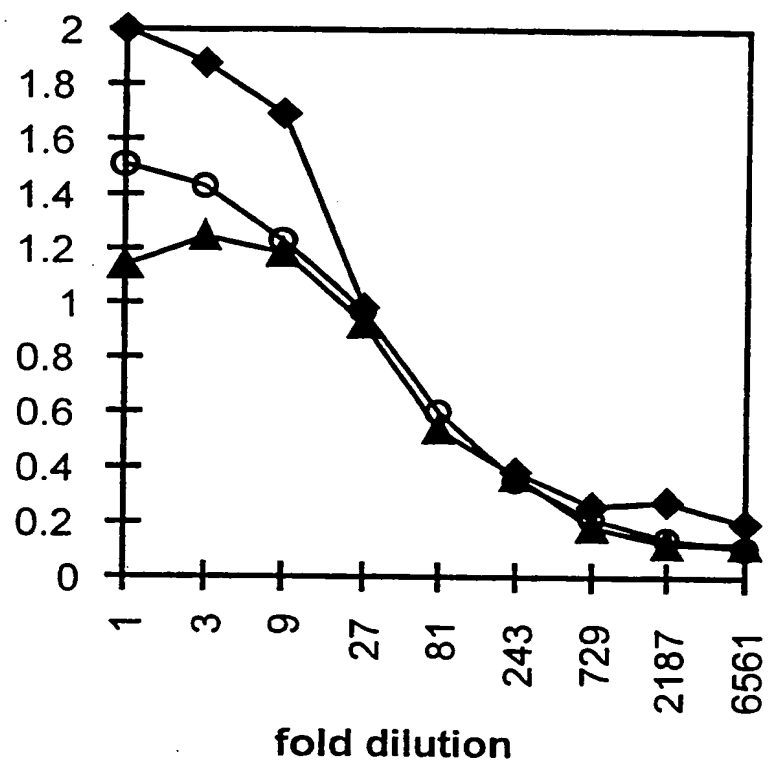


Figure 2a

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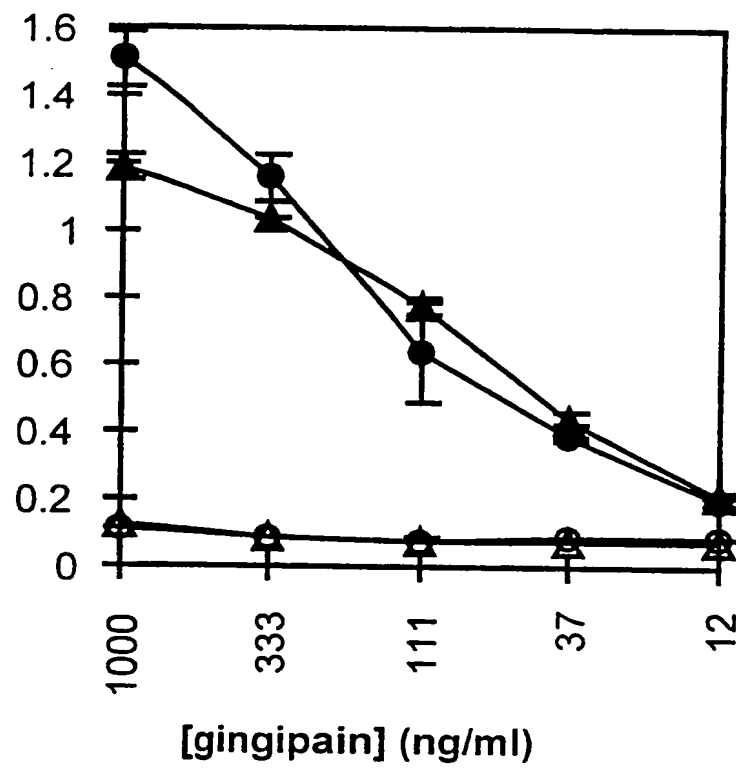


Figure 2b

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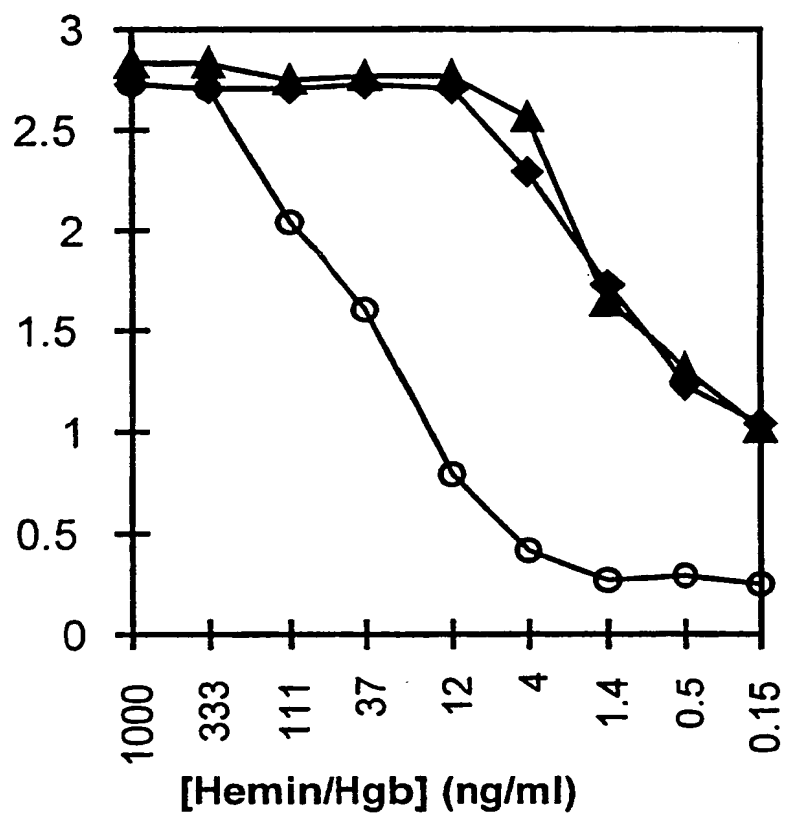


Figure 3a

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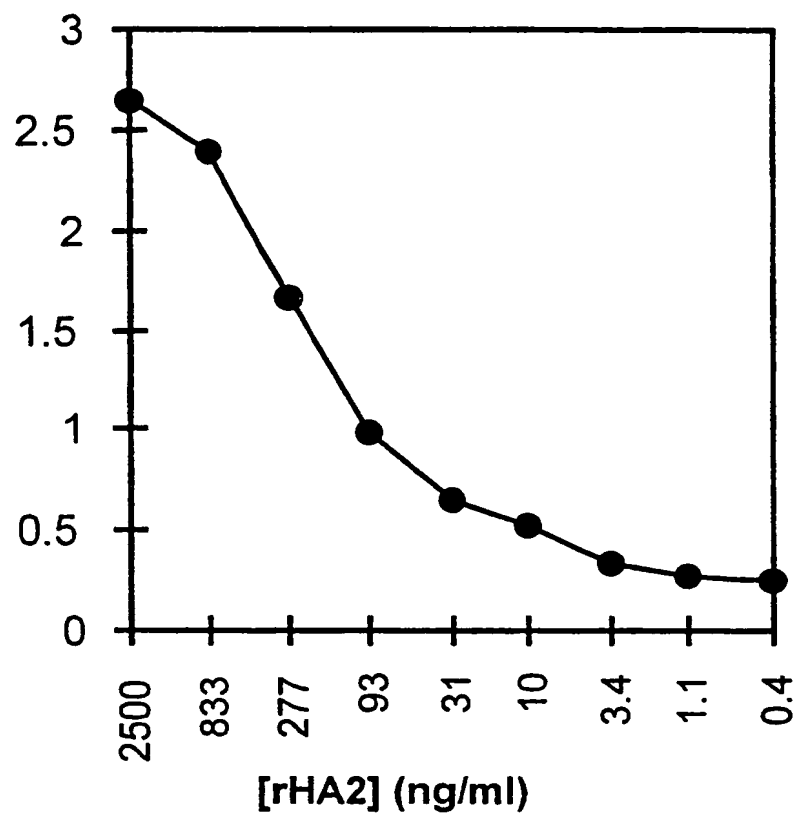


Figure 3b

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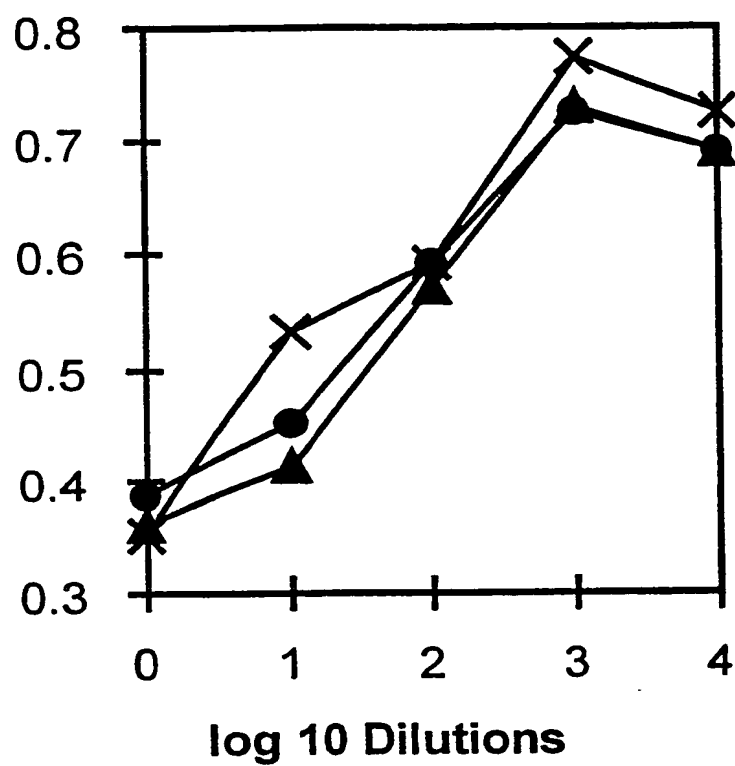


Figure 4a

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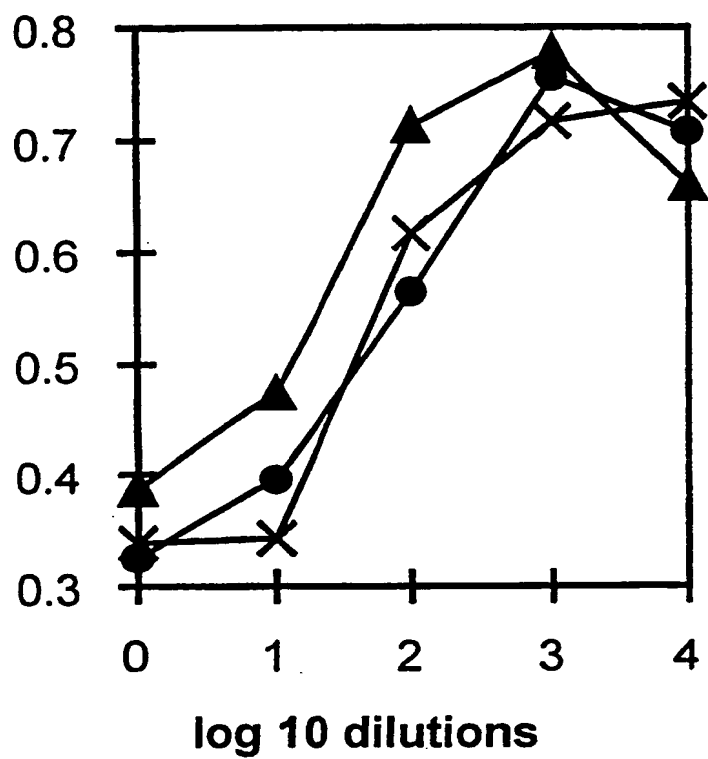


Figure 4b

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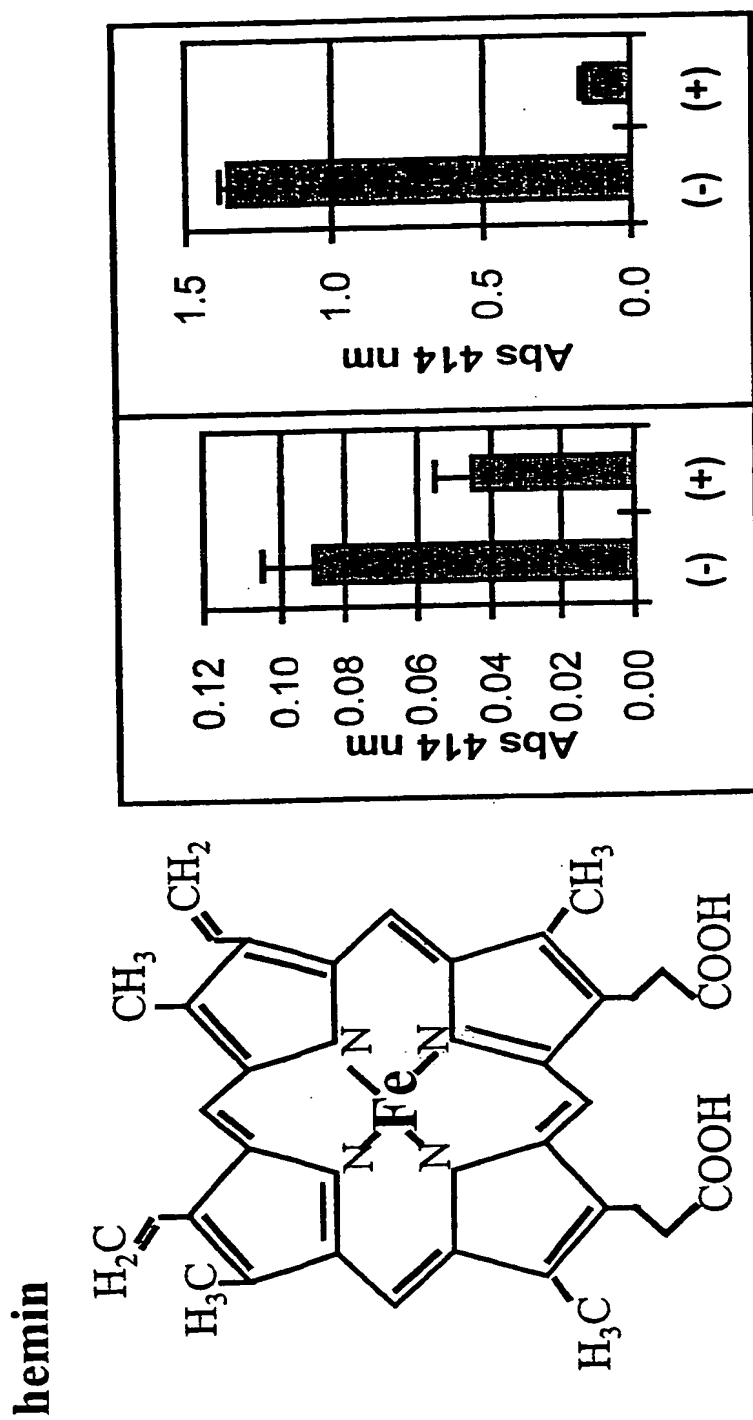


Figure 5a

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protoporphyrin IX

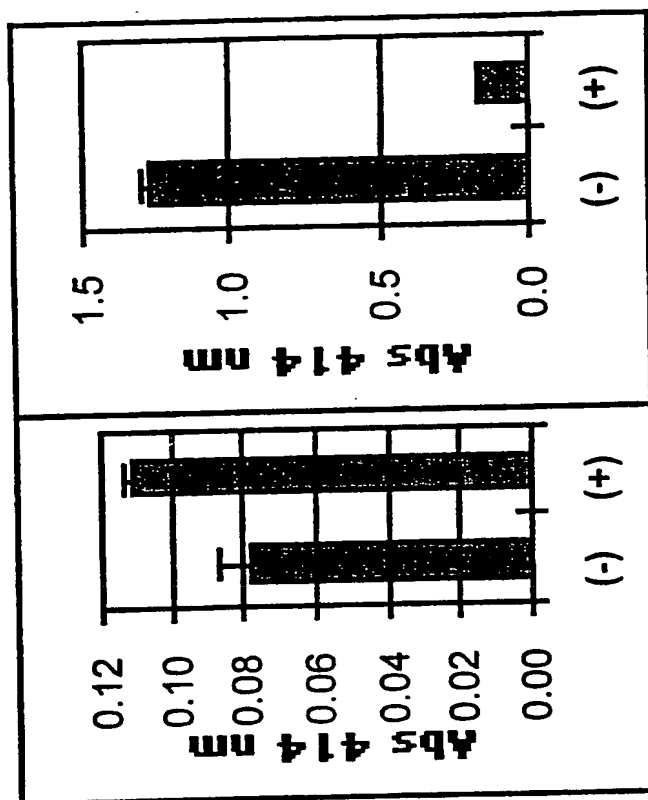
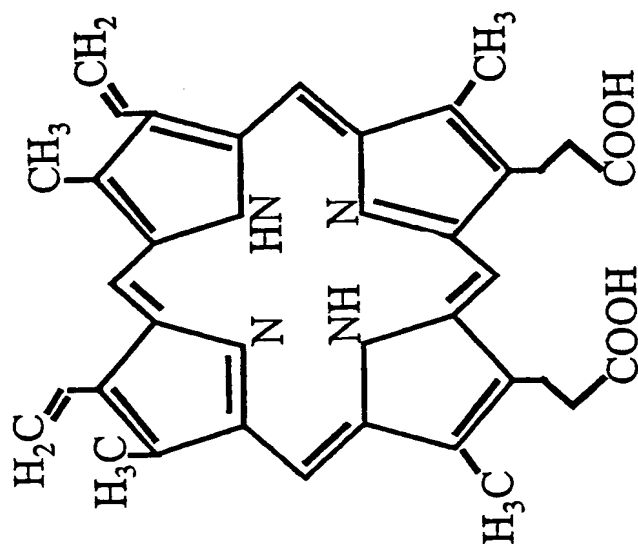


Figure 5b

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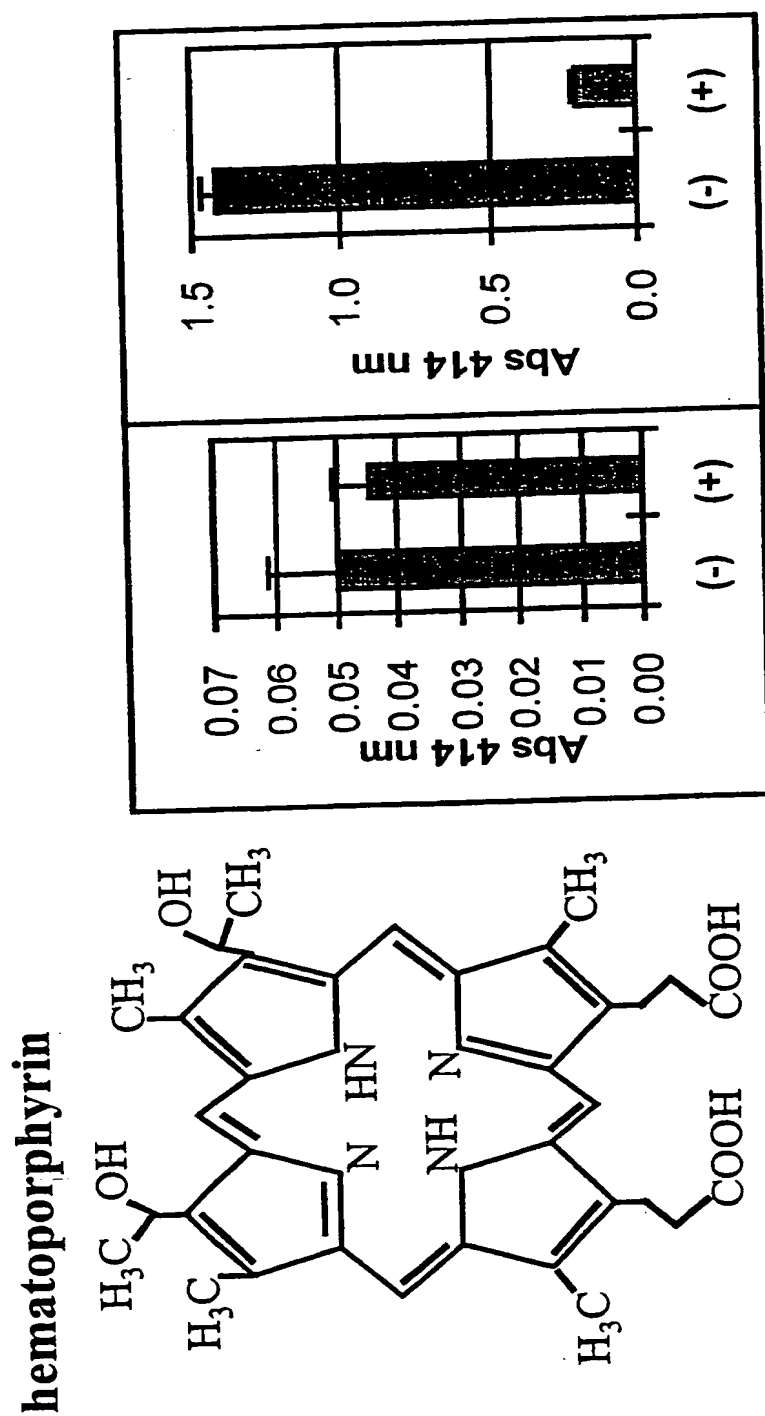


Figure 5c

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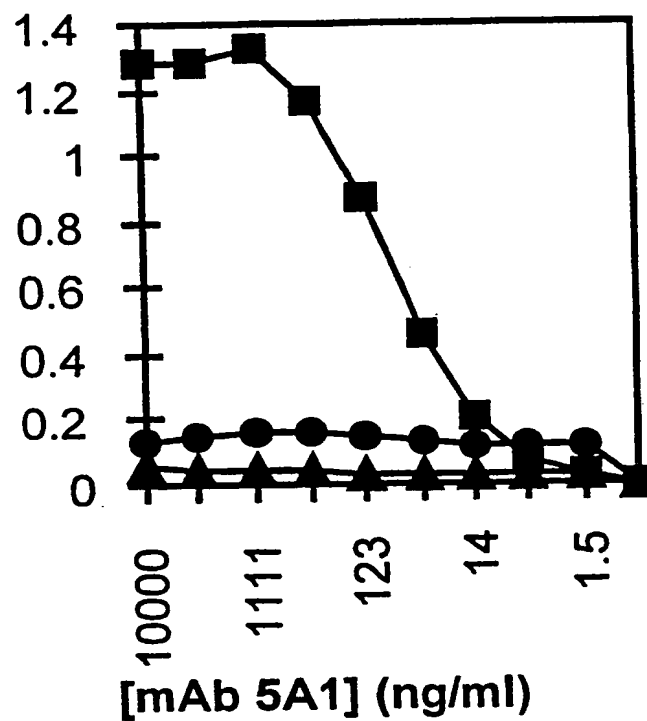


Figure 6a

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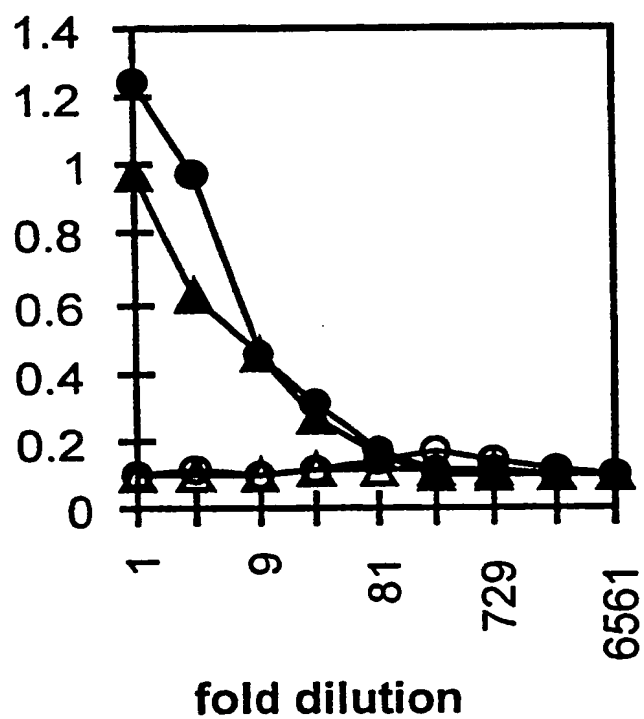


Figure 6b

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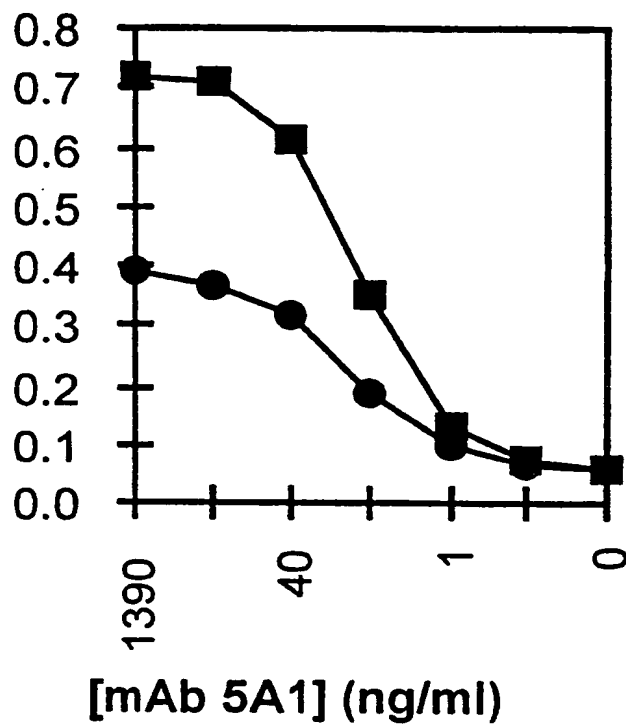


Figure 6c

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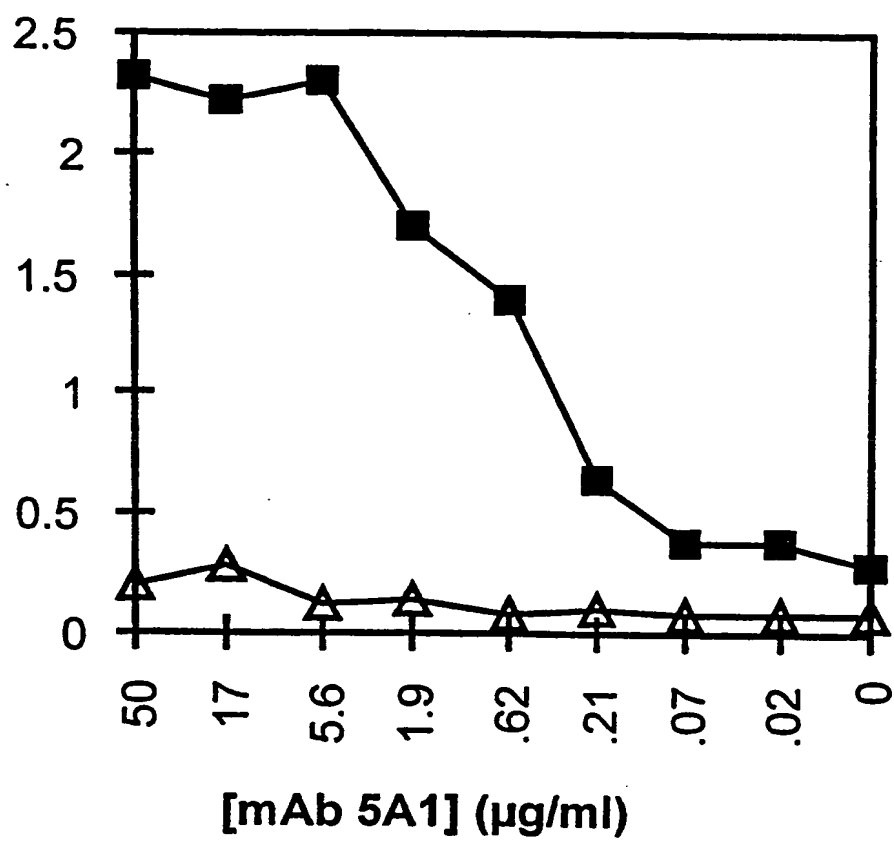


Figure 7

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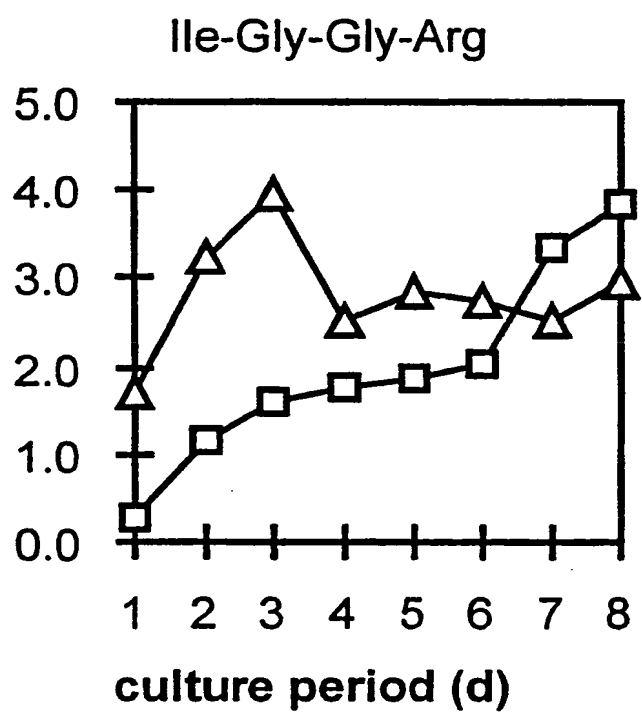


Figure 8a

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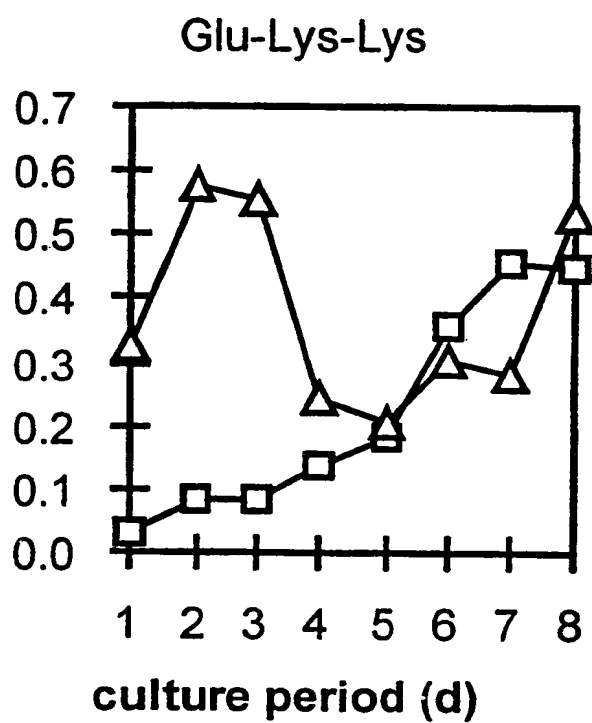
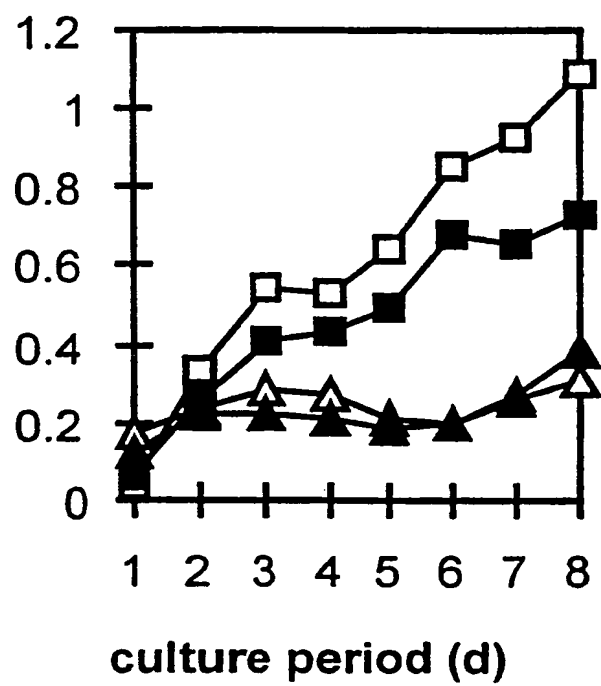


Figure 8b

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**Figure 8c**

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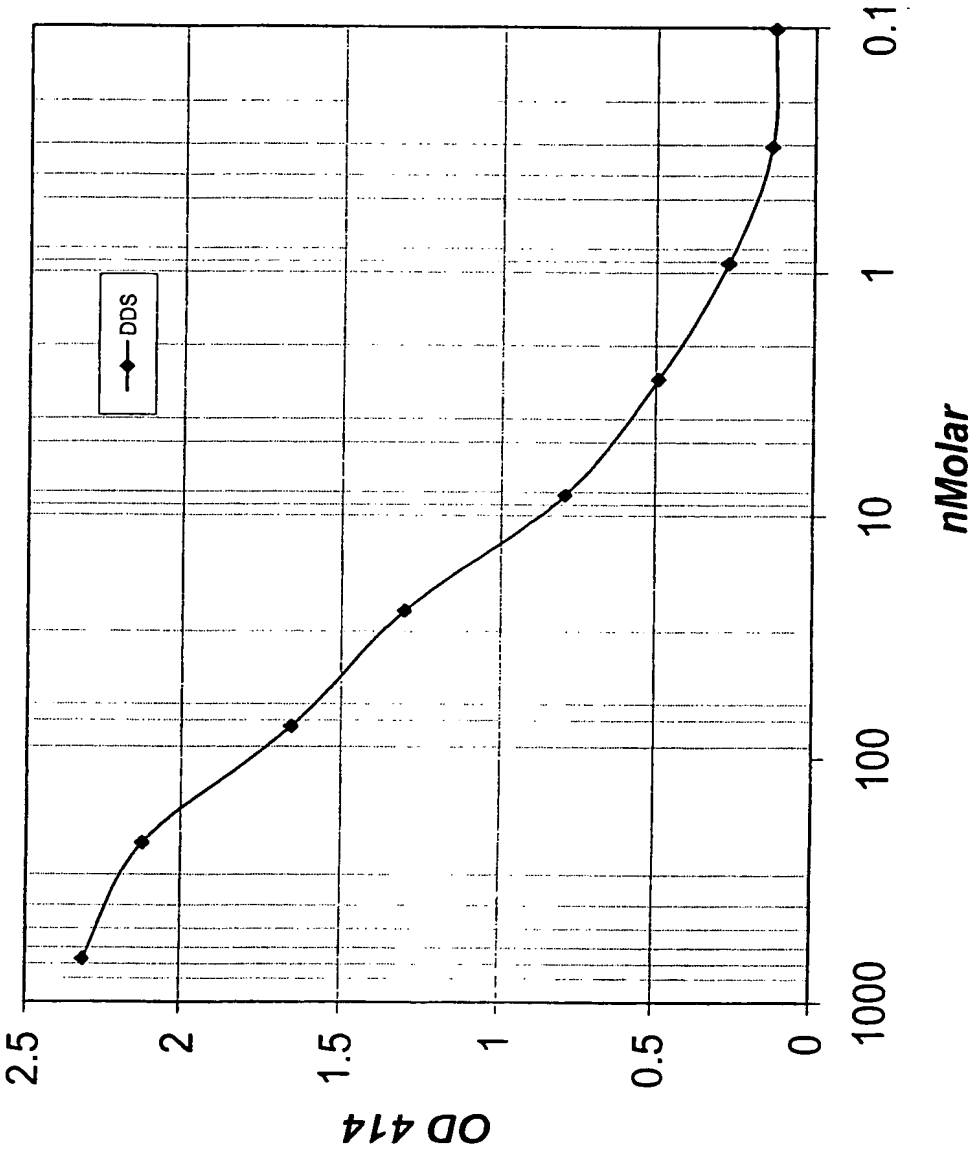


Figure 9a

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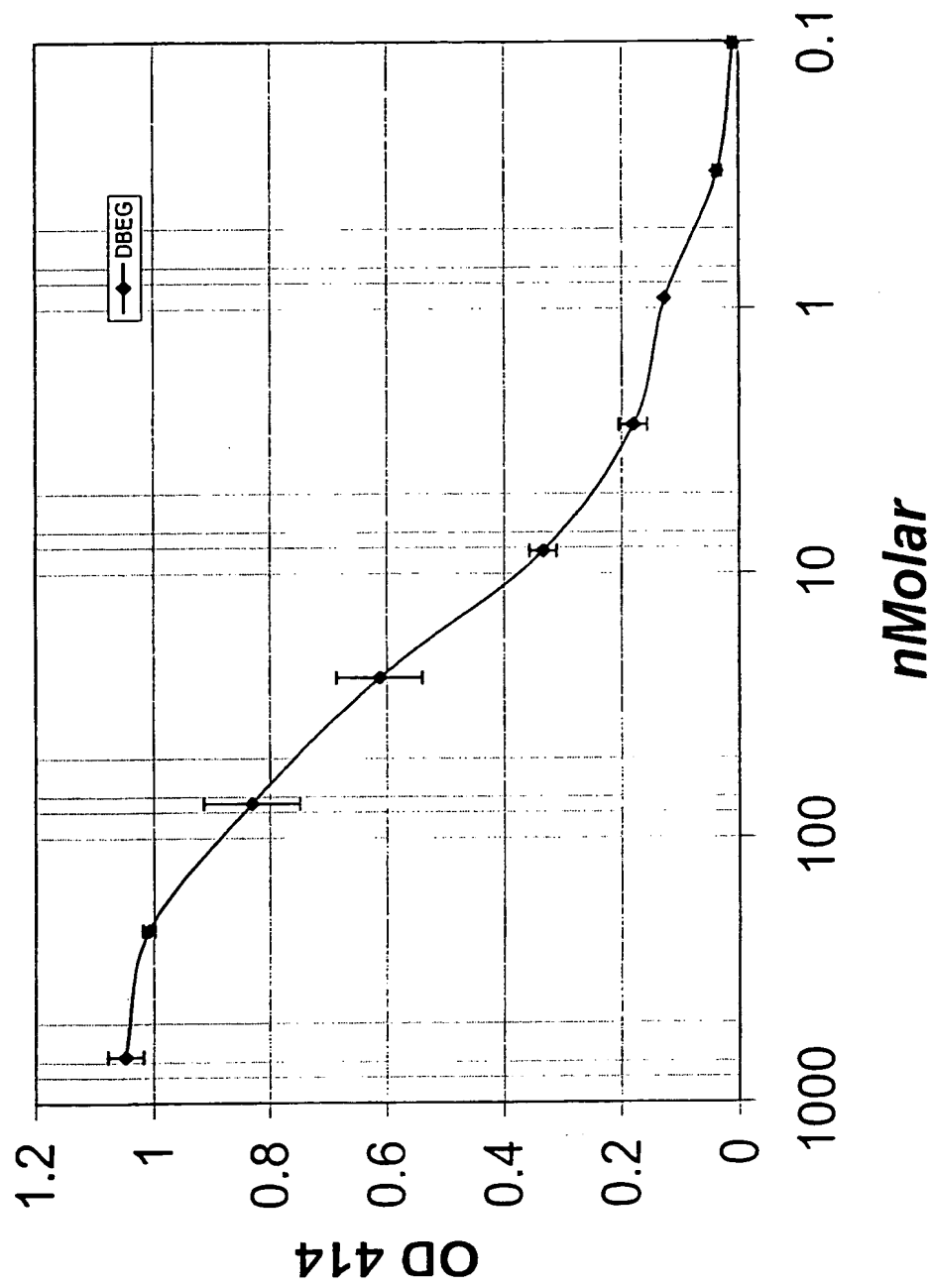


Figure 9b

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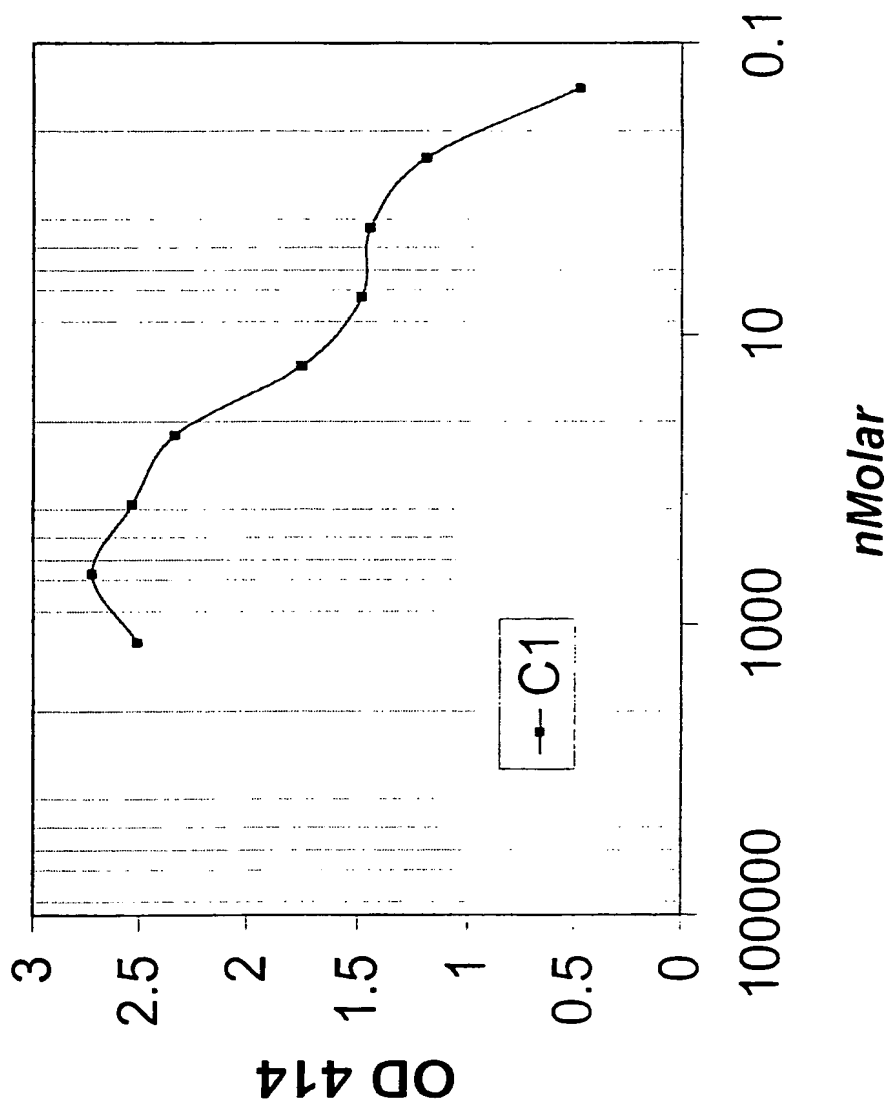


Figure 9c

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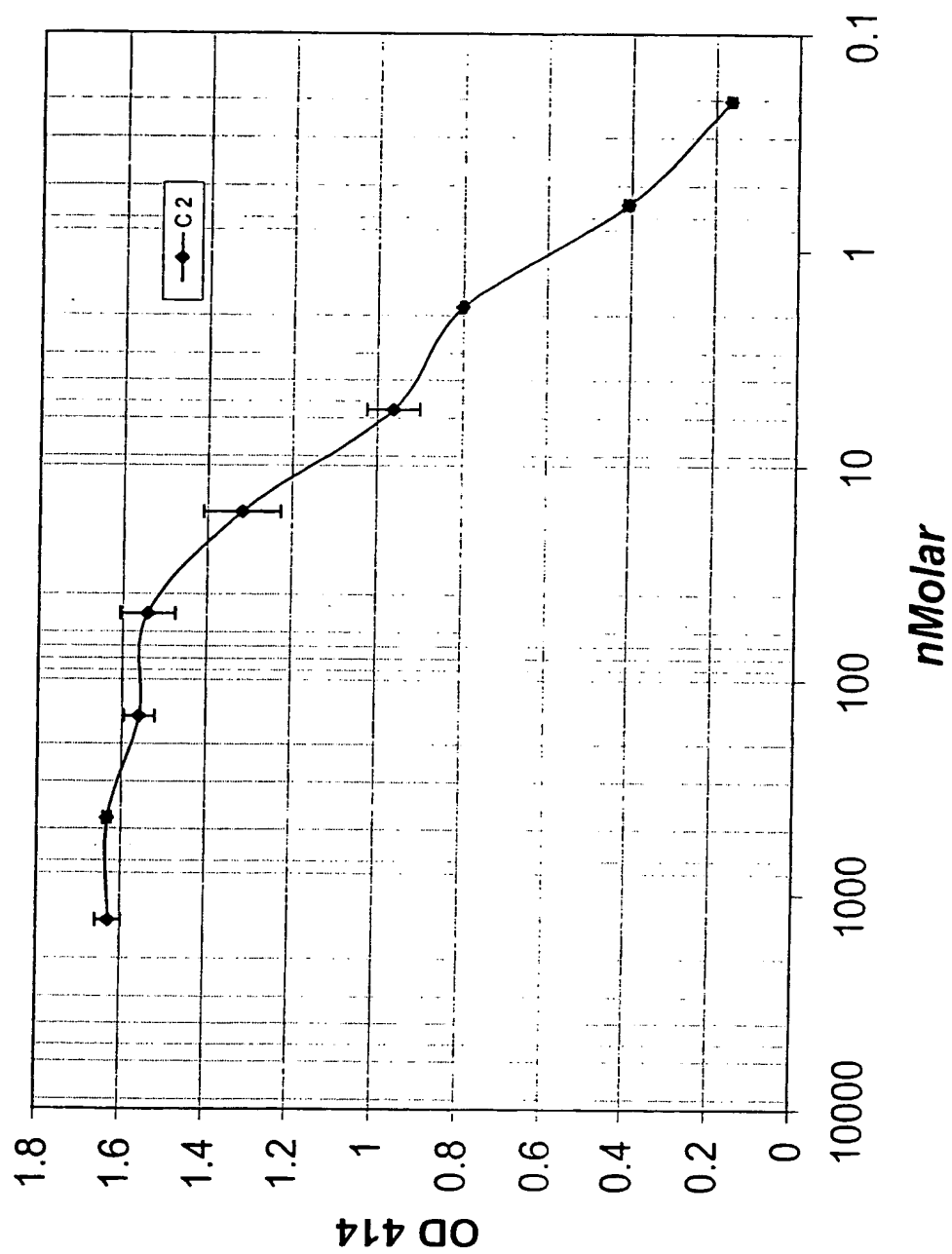


Figure 9d

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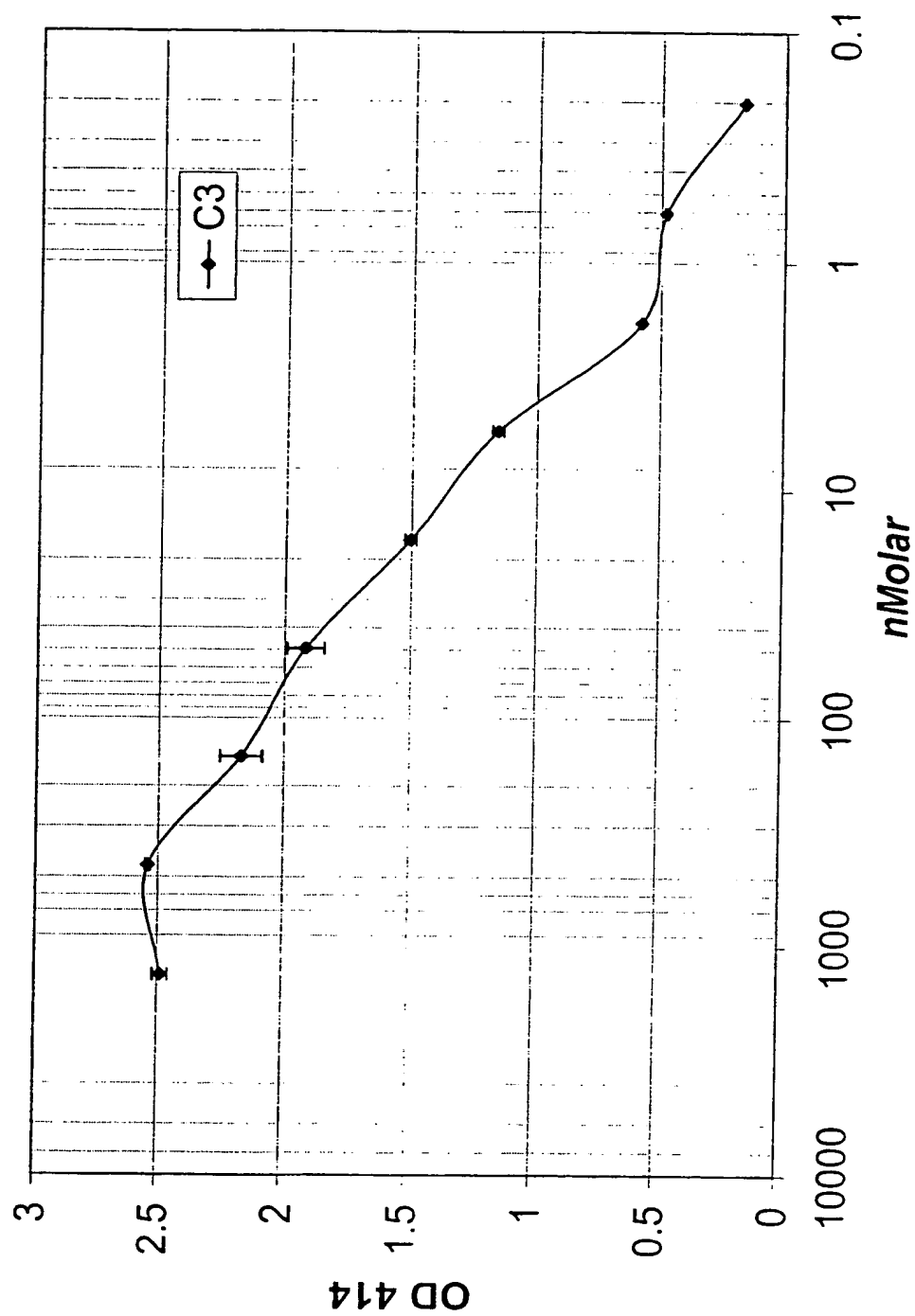


Figure 9e

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Protoporphyrin

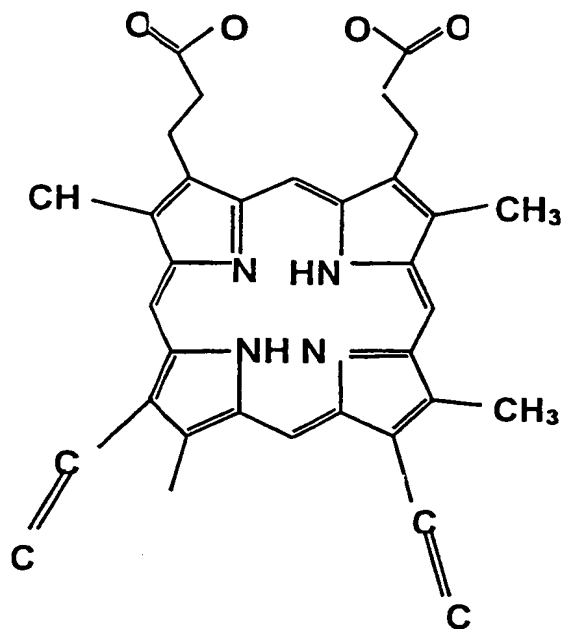
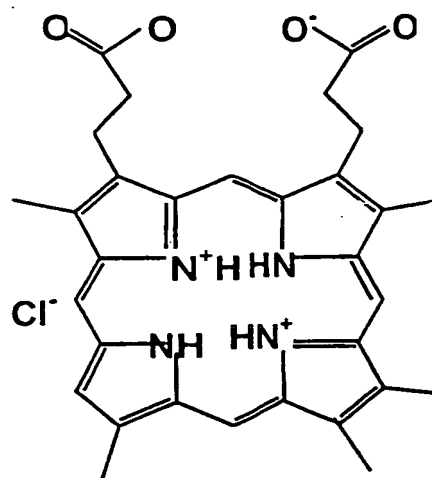


Figure 10a

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Deuteroporphyrin IX 2,4 Dihydrochloride

**Figure 10b**

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**Deuteroporphyrin IX 2,4
Disulfonic acid**

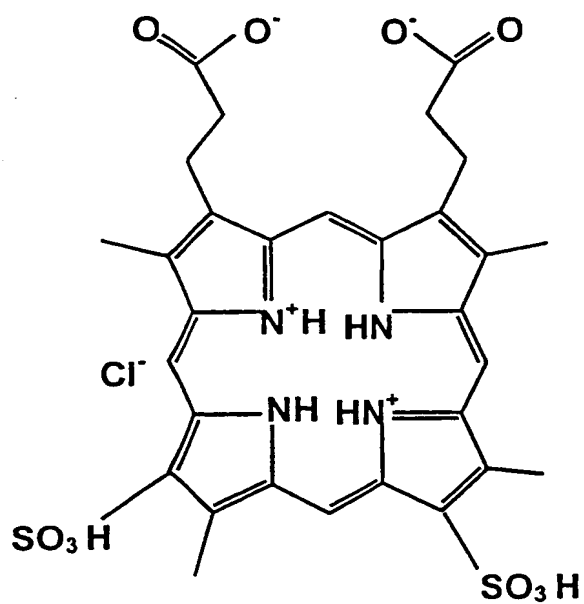


Figure 10c

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**Deuteroporphyrin IX 2,4
BisEthylene Glycol**

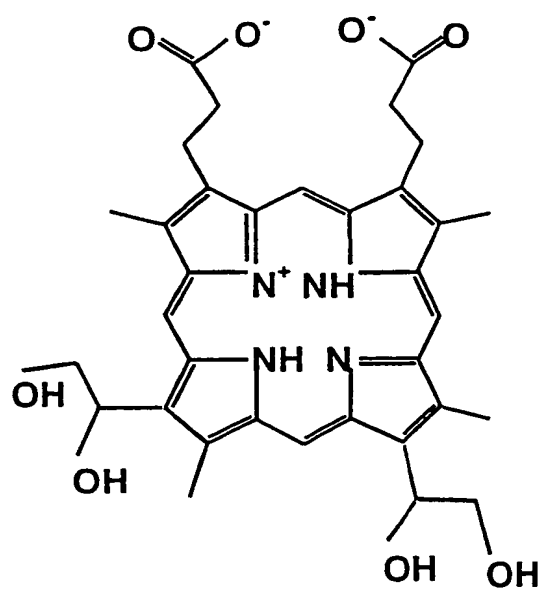
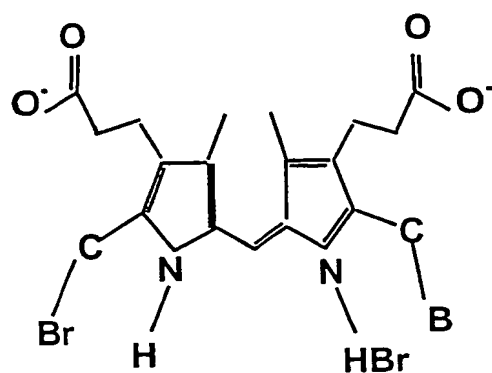
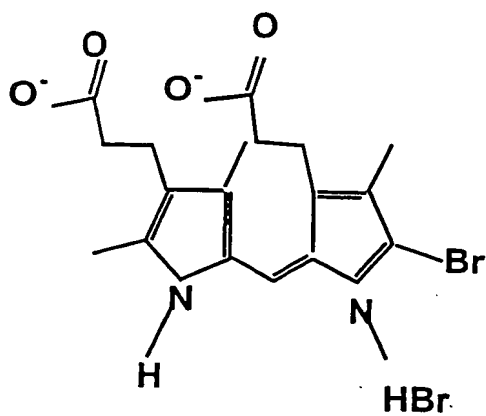
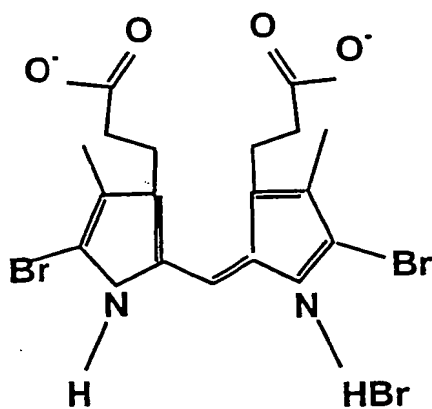


Figure 10d

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Dipyrrole No. 1**Figure 10e****Dipyrrole No. 2****Figure 10f**

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Dipyrrole No. 3**Figure 10g**

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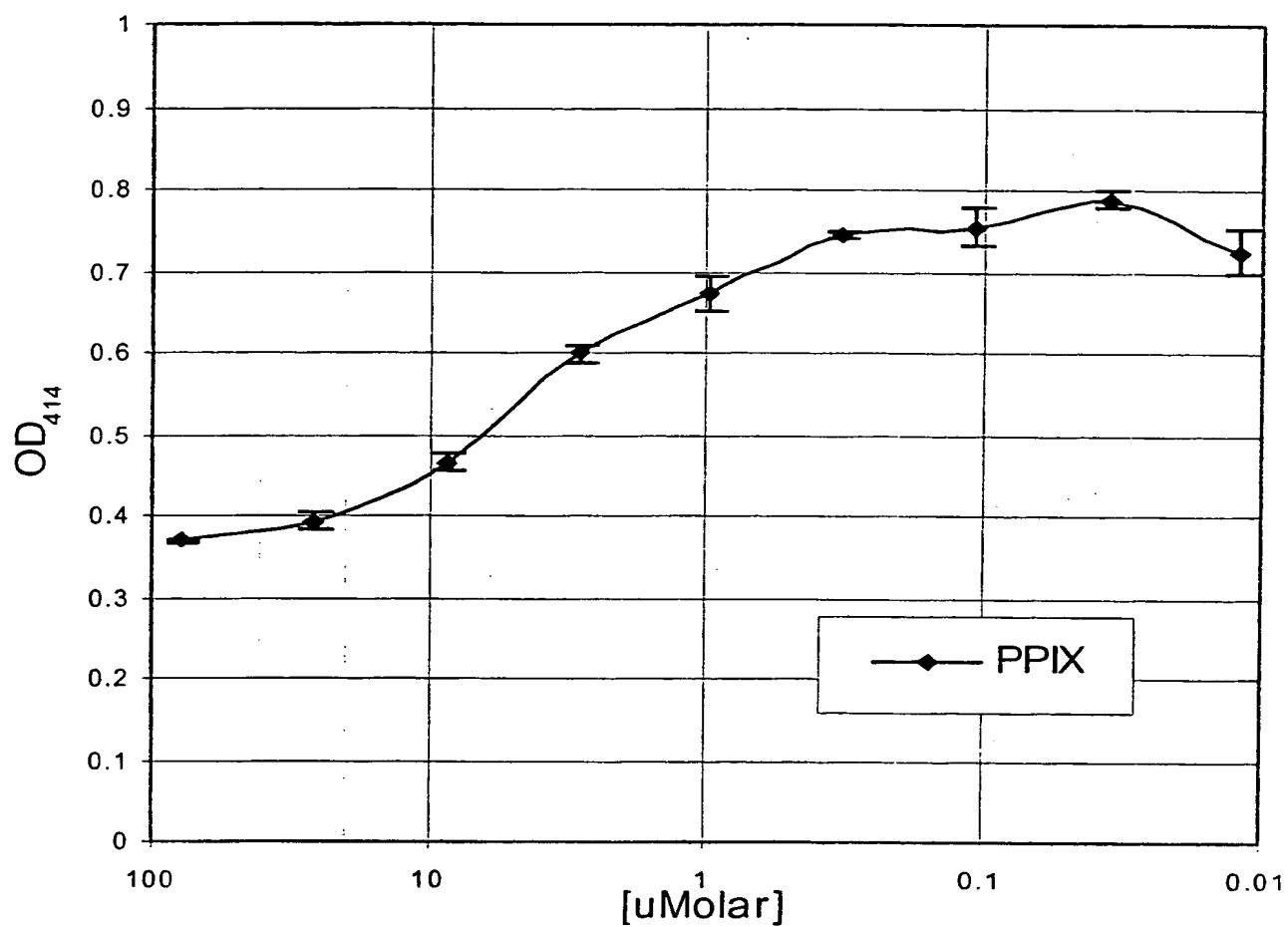


Figure 11a

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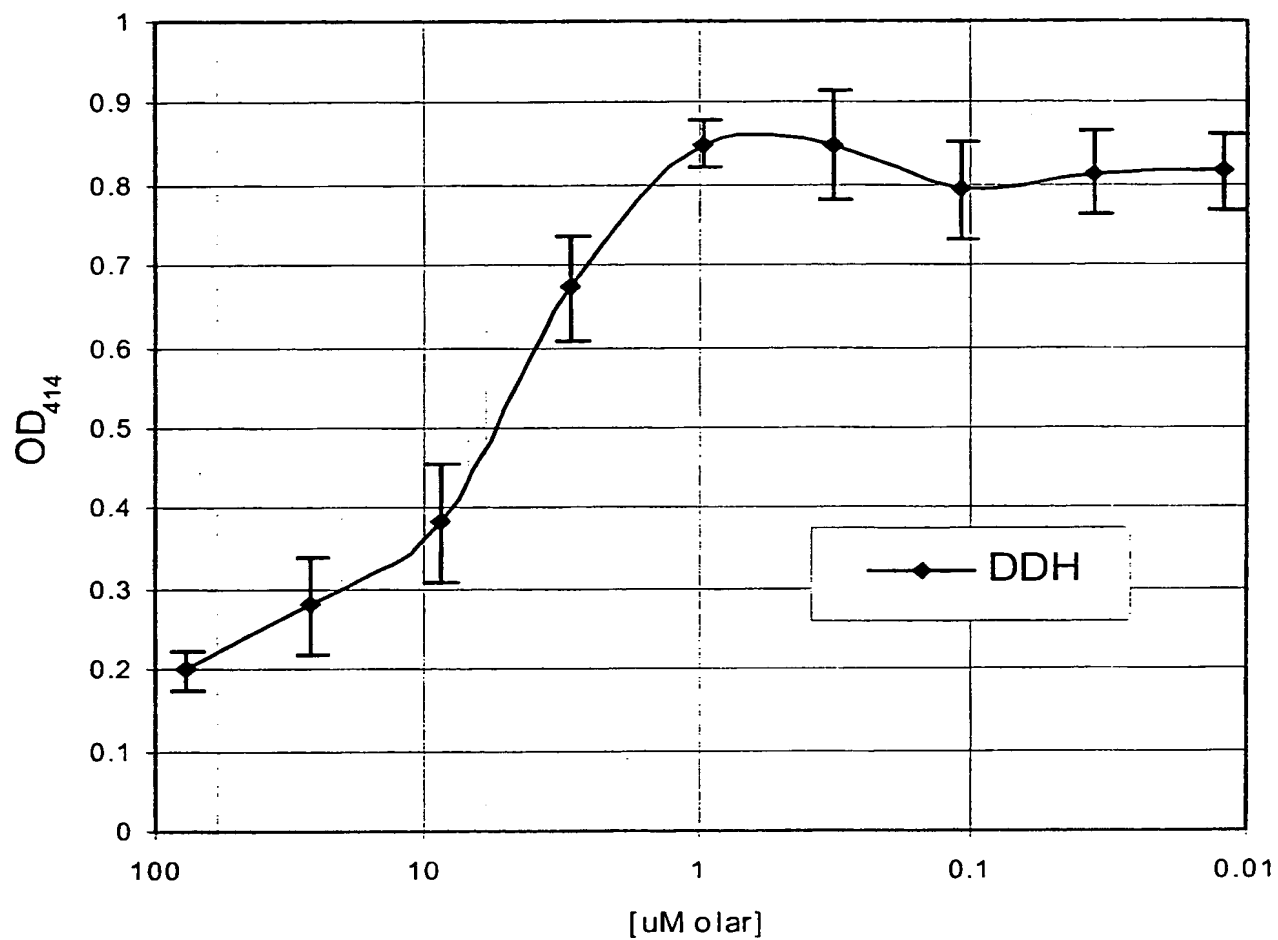


Figure 11b

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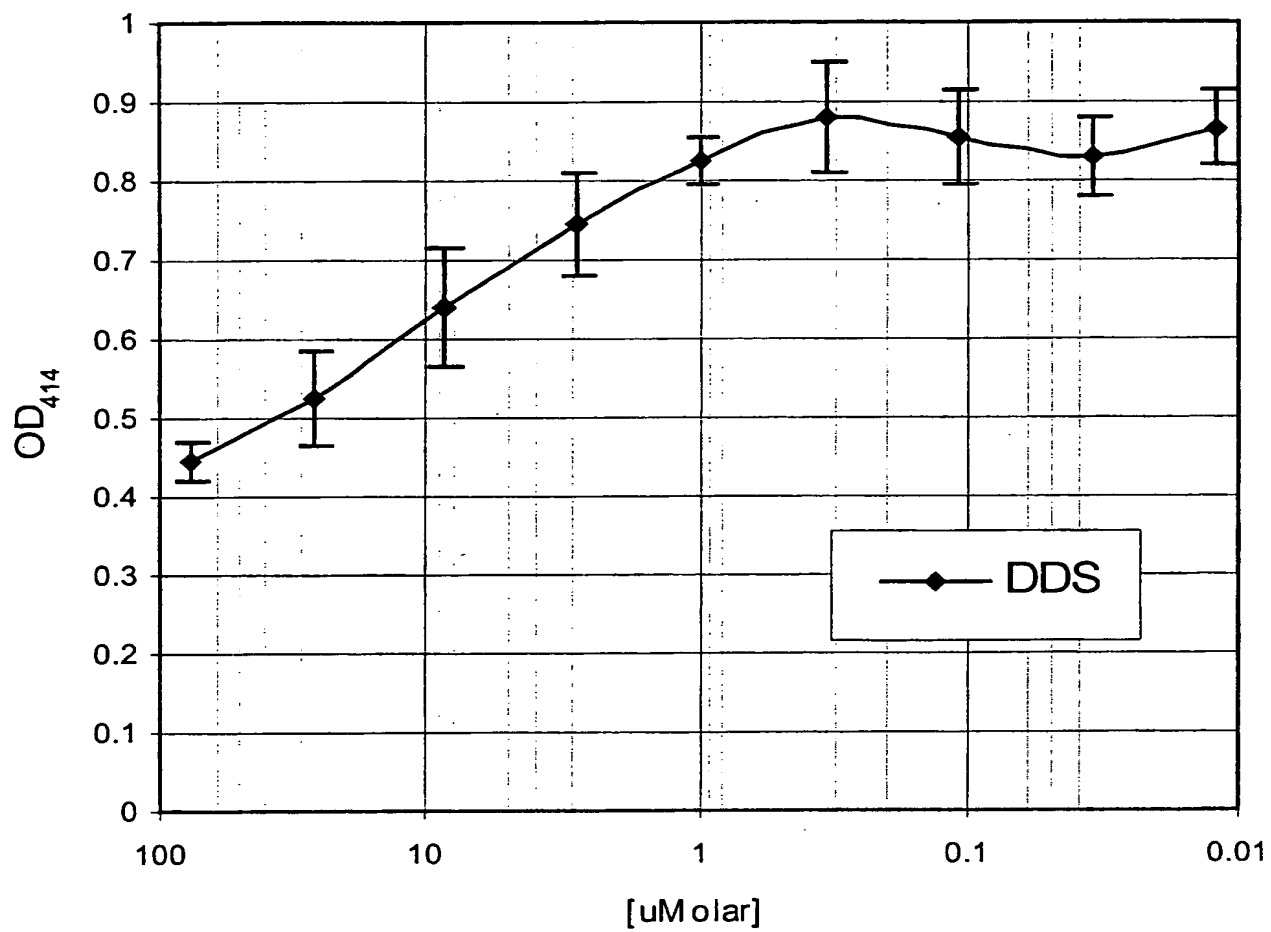


Figure 11c

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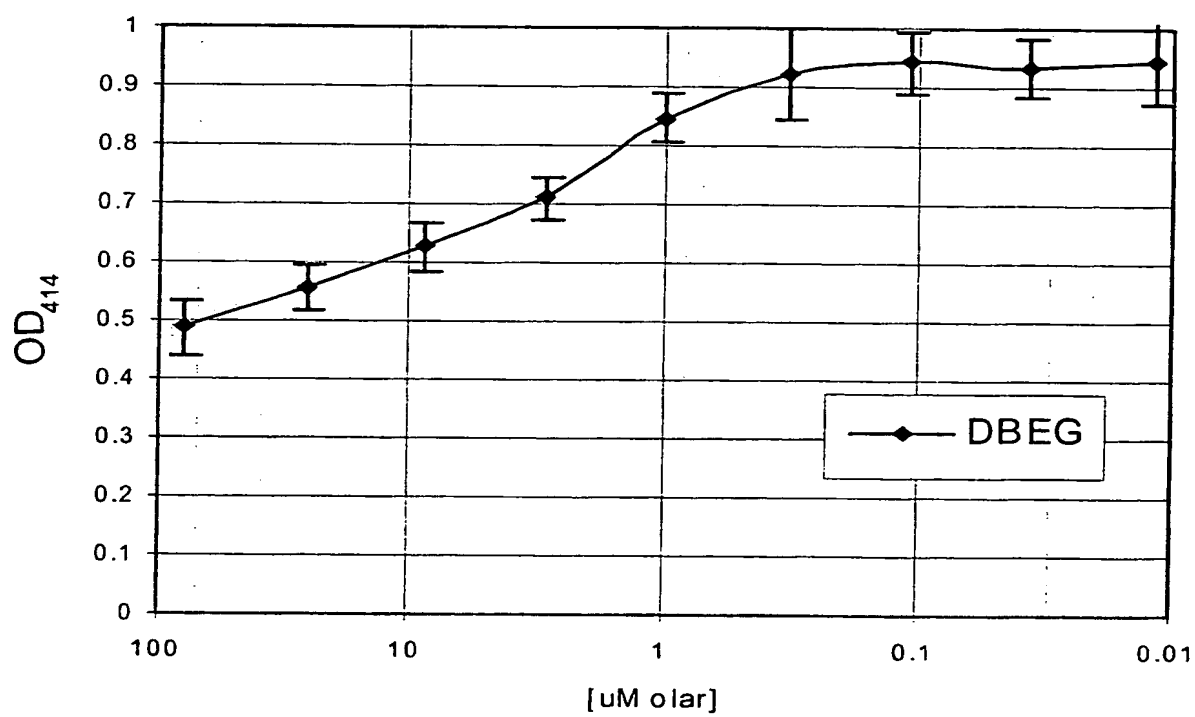


Figure 11d

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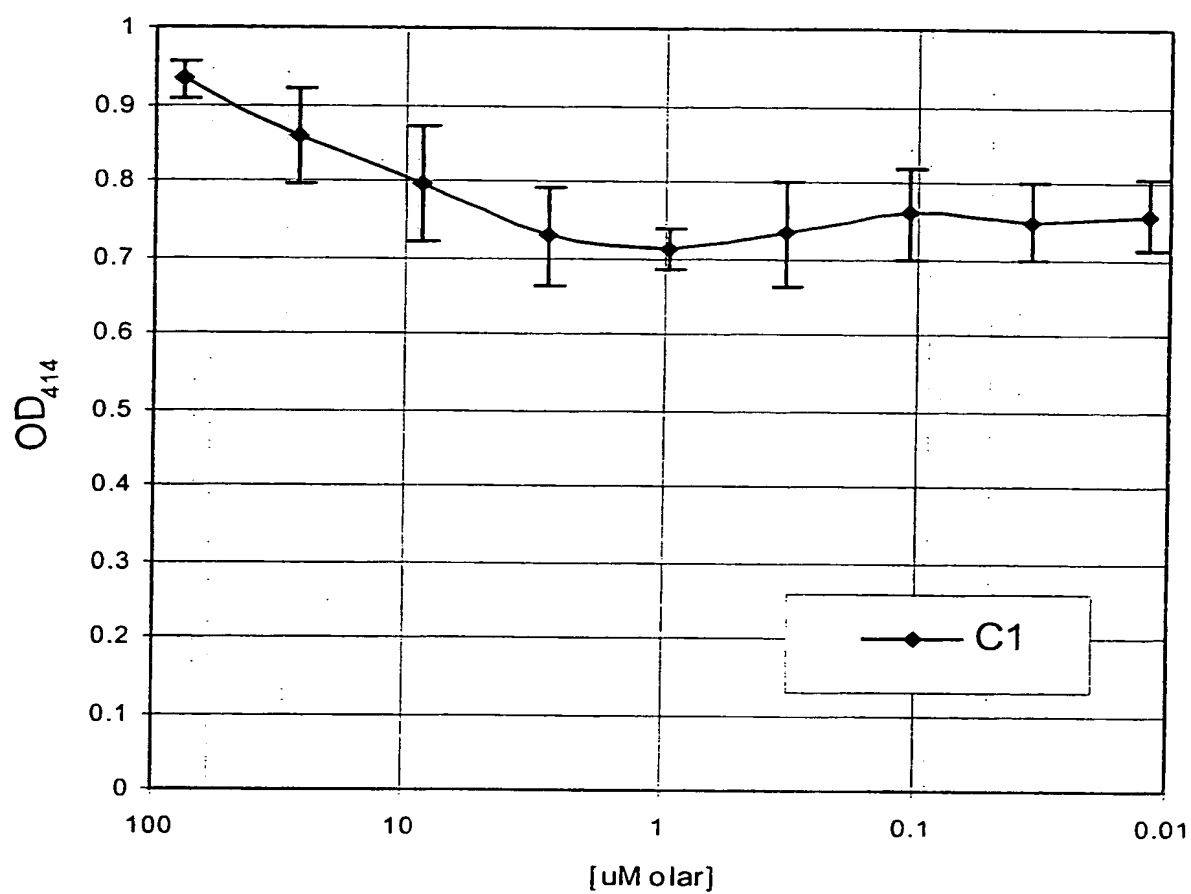


Figure 11e

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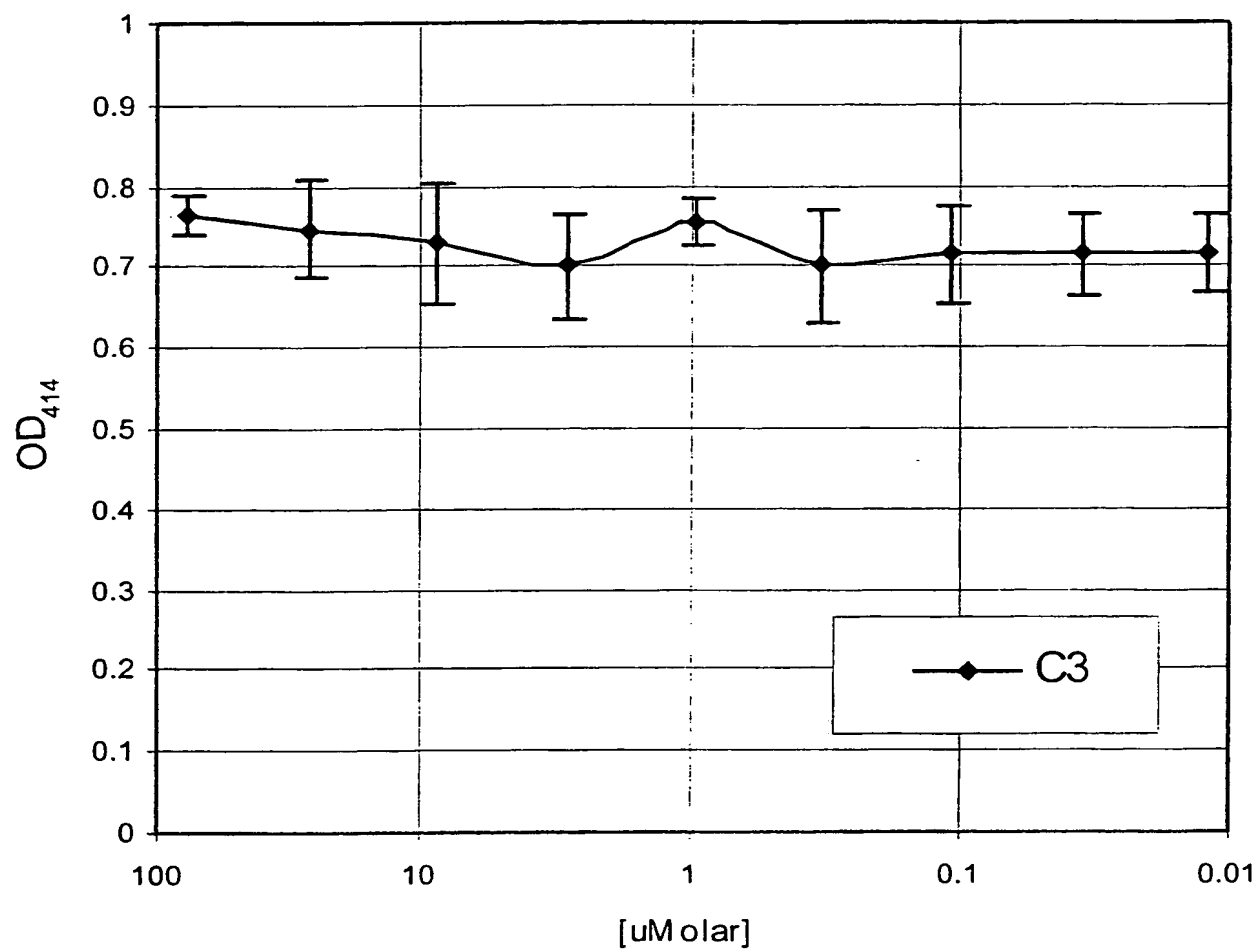
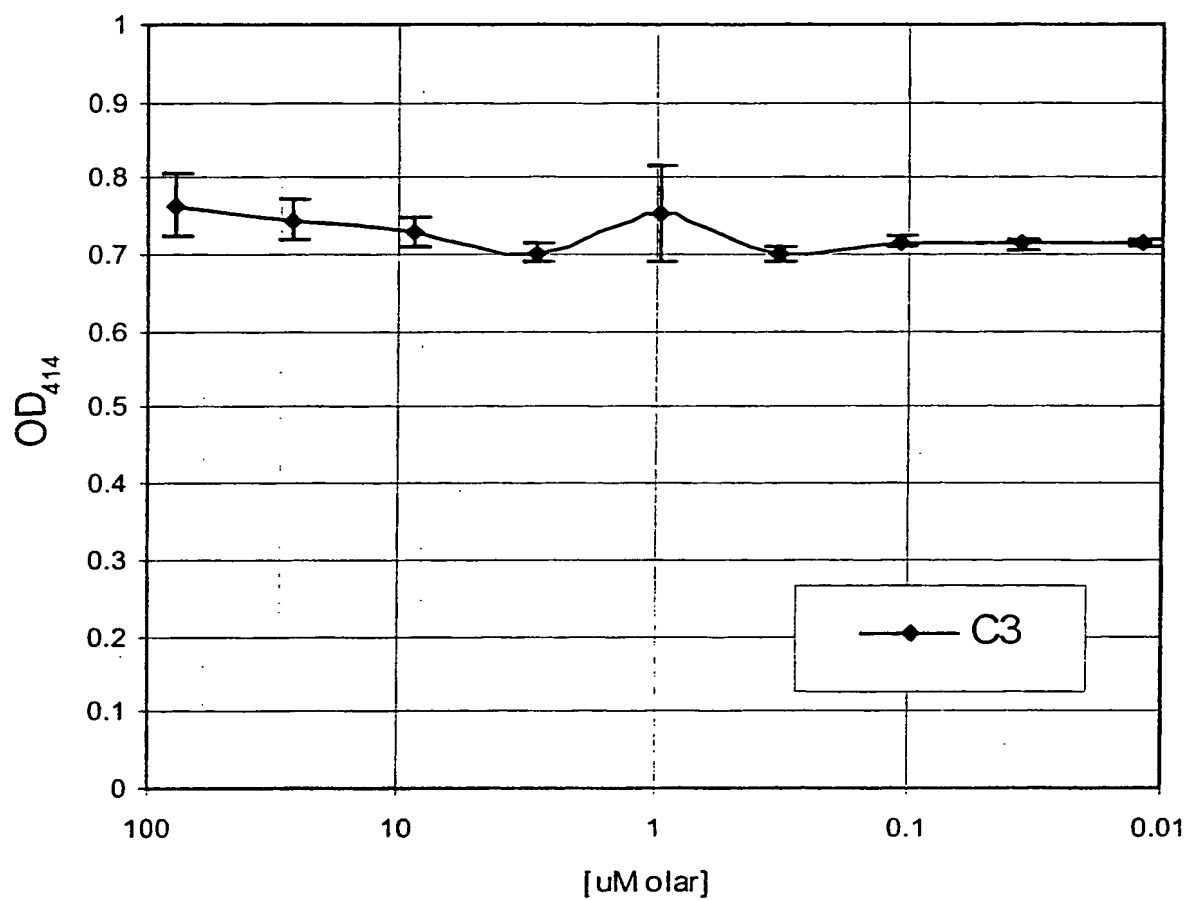


Figure 11f

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**Figure 11g**